

CLAIMS

Claim 1. In a cellular phone antenna engaged in an interior of a cellular phone, a cellular phone antenna, comprising:

5 an antenna base (10) which is engaged in an interior of a cellular phone;

an antenna (20) which is installed at the antenna base (10);

10 a connection terminal (30) which is connected with the antenna (20); and

a holder (40) which is attached to the antenna base (10) so that the antenna (20) and the connection terminal (20) are connected.

15 Claim 2. The antenna of claim 1, wherein said antenna (20) is provided with a metallic paste and is printed on the antenna base (10) by a silk screen method.

20 Claim 3. A manufacturing method of a cellular phone antenna, comprising:

a step S1 in which a rectangular antenna base (10) is prepared;

25 a step S2 in which a silk screen device (50) is provided at an upper side of the antenna base (10) for printing in a certain shape;

a step S3 in which a metallic paste is provided at the silk screen device (50);

a step S4 in which the metallic paste is printed on the upper side of the antenna base (10) in a certain shape using a
5 spoon member (60);

a step S5 in which the metallic paste printed on the antenna base (10) is hardened and cured; and

a step S6 in which a holder (40) engaged with the connection terminal (30) is attached at the antenna base (10) so
10 that the connection terminal (30) is connected with the antenna (20) hardened on the antenna base (10).

Claim 4. The method of claim 3, wherein said step for
hardening and curing the metallic paste is performed using a
15 temperature of 75°C or ultraviolet ray.